

Critical Minerals Rare Earths Supply Chain Meeting
U.S. Department of Energy
Agenda

Day 1: Critical Minerals Rare Earths Supply Chain Roundtable
October 31, 2019

- 7:00 – 8:00 **Check-In**
- 8:00 – 8:10 **Introductions and Welcome Remarks**
Professor Rod Eggert, Viola Vestal Coulter Foundation Chair in Mineral Economics, Colorado School of Mines; Deputy Director, Critical Materials Institute
- 8:10 – 8:30 **Keynote Remarks**
Daniel R. Simmons, Assistant Secretary for Energy Efficiency & Renewable Energy, Department of Energy
Steven Winberg, Assistant Secretary for Fossil Energy, Department of Energy
- 8:30 – 10:30 **Ensuring Secure and Reliable Supplies of Critical Minerals**
Scene Setter: Steven Winberg, Assistant Secretary for Fossil Energy, Department of Energy
- 10:30 – 10:45 **Coffee Break**
- 10:45 – 12:00 **International Supply Chain Cooperation**
Scene Setter: Tommy Joyce, Deputy Assistant Secretary for Global Energy Security and Multilateral Engagement, Department of Energy
- 12:00 – 1:00 **Lunch**
- 1:00 – 2:45 **Rare Earths Industry Perspectives**
Moderator: Kevin Lyon, Staff Scientist, Idaho National Laboratory; Deputy Lead – Diversifying Supply, Critical Materials Institute
- 2:45 – 3:15 **Break**
- 3:15 – 4:45 **Upstream Supply Chain: Challenges and Opportunities**
Facilitator: Daniel R. Simmons, Assistant Secretary for Energy Efficiency & Renewable Energy, Department of Energy
- 4:45 – 5:00 **Next Steps, Lessons Learned**
Alexander Fitzsimmons, Deputy Assistant Secretary for Energy Efficiency, Department of Energy
Lou Hrkman, Deputy Assistant Secretary for Clean Coal and Carbon Management, Department of Energy
- 5:00 **Adjourn**

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Day 2: Critical Minerals Rare Earths Supply Chain Workshop
November 1, 2019

- 7:30 – 8:00 **Check-In**
- 8:00 – 8:15 **Introductions and Welcome Remarks**
Professor Rod Eggert, Viola Vestal Coulter Foundation Chair in Mineral Economics, Colorado School of Mines; Deputy Director, Critical Materials Institute
Daniel R. Simmons, Assistant Secretary for Energy Efficiency & Renewable Energy, Department of Energy (DOE)
- 8:15 – 8:30 **Recap of Day 1**
Regis Conrad, Director of Division of Advanced Energy Systems, Office of Fossil Energy, DOE
- 8:30 – 10:00 **Discussion on R&D**
Facilitator: Dr. Diana Bauer, Senior Technical Manager, Advanced Manufacturing Office, Office of Energy Efficiency & Renewable Energy, DOE
- 10:00 – 10:15 **Break**
- 10:15 -11:00 **Scoping a solution – Rapid-Fire Brainstorm Session**
Facilitator: Dr. Diana Bauer, Senior Technical Manager, Advanced Manufacturing Office, Office of Energy Efficiency & Renewable Energy, DOE
- 11:00 – 12:00 **Scoping a solution – Breakout Sessions**
Break out into groups for facilitated discussion:
- Mining & Extraction
 - Concentration
 - Separation and Processing
 - Manufacturing
 - Development of Supply Chain
- 12:00- 1:00 **Lunch and Report on Outcomes from Breakout Session**
Facilitator: Dr. Michael McKittrick, R&D Consortia Program Manager, Advanced Manufacturing Office, Office of Energy Efficiency & Renewable Energy, DOE
- 1:00-1:30 **Next Steps and Lessons Learned**
Dr. Michael McKittrick, R&D Consortia Program Manager, Advanced Manufacturing Office, Office of Energy Efficiency & Renewable Energy, DOE
Regis Conrad, Director of Division of Advanced Energy Systems, Office of Fossil Energy, DOE
- 1:30 **Adjourn**